

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. AWARDING OFFICE:	
				Office of Naval Research 875 N. Randolph Street, Suite 1425 Arlington, VA 22203-1995	
1. INSTRUMENT TYPE:		3b. CFDA:		3c. DUNS NUMBER:	
Grant Award		12.300		052184116	
2. AUTHORITY:		6. MODIFICATION TYPE:		7. PR NO.:	
10 USC 2358 and 31 USC 6304, as amended		IF		4720005173	
4. AWARD NO.:		5. MODIFICATION NO.:		12. PROGRAM TYPE:	
N00014-18-1-2775		P00001		ONR	
8. ACTIVITY/AGENCY PROPOSAL NO.:		9. RECIPIENT PROPOSAL NO.:		11. ACTIVITY TYPE:	
GRANT12624937				R&D	
13. ISSUED TO		13b. CAGE:		13c. ED/EFT NUMBER:	
13a. ADDRESS:		97668		N/A	
CARNegie MELLON UNIVERSITY		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as Block # 13			
5000 FORBES AVE					
PITTSBURGH PA 15213-3815					
UNITED STATES OF AMERICA					
13d. BUSINESS OFFICE CONTACT:					
Judy Coyle					
13e. TELEPHONE NUMBER:		13f. EMAIL ADDRESS:			
412-268-5597		jcoyle@andrew.cmu.edu			
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE:					
A Robotics Framework for Integrating Model-based Reasoning and Experience-based Learning					
16. FUNDING		ACTIVITY/AGENCY SHARE		17. CURRENT FUNDING PERIOD	
PREVIOUSLY OBLIGATED:				N/A THROUGH N/A	
OBLIGATED BY THIS ACTION:					
TOTAL OBLIGATED ON AWARD:				18. PERIOD OF PERFORMANCE	
FUTURE FUNDING:				09/01/2018 THROUGH 08/31/2022	
GRANT TOTAL:					
19. ACCOUNTING AND APPROPRIATION DATA:					
See Attached Financial Accounting Data Sheet(s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT		21. TECHNICAL REPRESENTATIVE		21b. CODE:	
TECHNICAL REPRESENTATIVE:		21a. NAME: THOMAS MCKENNA		341	
Maxim Likhachev		21c. ADDRESS:			
		ONR HUMAN & BIOENGINEERED SYSTEMS			
		875 N. Randolph Street			
		Arlington VA 22203-1995			
20b. TELEPHONE NUMBER:		21d. TELEPHONE NUMBER:		21e. EMAIL ADDRESS:	
412-268-5581		703-696-4503		TOM.MCKENNA@NAVY.MIL	
22. POC FOR THIS ACTION		22b. CODE:		23b. CODE:	
22a. NAME: VANESSA A SEYMOUR				N62880	
22c. ADDRESS:		23a. ADMINISTRATIVE OFFICE:			
Office of Naval Research		ONR REG Office Chicago			
875 N. Randolph Street Suite 1425		Telephone: (312) 886-5423			
Arlington VA 22203-1995		Email: ONR_Chicago@navy.mil			
		230 South Dearborn			
		CHICAGO IL 60604-1595			
22d. TELEPHONE NUMBER:		22e. EMAIL ADDRESS:			
703-696-4591		VANESSA.SEYMOUR@NAVY.MIL			
24. SUBMIT PAYMENT REQUEST TO:		25a. PAYING OFFICE		26a. PATENT OFFICE:	
Same as block 23a		25b. CODE: HQ0337		26b. CODE: N00014	
		DFAS-CO/NORTH ENTITLEMENT OPERATIONS		Office of Naval Research	
		HQ0337		ATTN: ONR Office of Counsel	
		PO Box 182266		Intellectual Property Section	
		COLUMBUS OH 43128		One Liberty Center	
				875 North Randolph Street, Suite 1425	
				Arlington, VA 22203-1995	

AWARD NO. N00014-18-1-2775		AWARD/MODIFICATION		MODIFICATION NO. P00001																						
27. SPECIAL INSTRUCTIONS: See Special Requirements on Page 5																										
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx																										
This award provides full delegation to the administrative office in Block 23 of the grant. Full delegation includes the functions described in the DoDGARs at 32 CFR 22.715 and the administrative grants officer functions related to payments described in 32 CFR 22.810.																										
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.																										
DOCUMENT		URL																								
<p>The following documents may be found at :</p> <p>http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</p> <p>DOD RESEARCH AND DEVELOPMENT GENERAL TERMS AND CONDITIONS (JULY 2018)</p> <p>UAWA AWARD A (SEP 2017)</p> <p>ADDENDUM TO THE DOD R&D GENERAL TERMS AND CONDITIONS AND ONR PROGRAMMATIC REQUIREMENTS - DOMESTIC RESEARCH (MAY 2018)</p>																										
<table border="1"> <thead> <tr> <th>30. OPTIONS</th> <th>OPTION NO.</th> <th>AMOUNT</th> <th>PERIOD</th> </tr> </thead> <tbody> <tr><td>(1)</td><td></td><td></td><td></td></tr> <tr><td>(2)</td><td></td><td></td><td></td></tr> <tr><td>(3)</td><td></td><td></td><td></td></tr> <tr><td>(4)</td><td></td><td></td><td></td></tr> </tbody> </table>							30. OPTIONS	OPTION NO.	AMOUNT	PERIOD	(1)				(2)				(3)				(4)			
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(1)																										
(2)																										
(3)																										
(4)																										
31. REPORTS: The reporting requirements under this award are specified in the articles of part 5 (Financial, Programmatic, and Property Reporting) to the General Terms and Conditions and in any additional language for Part 5 in an ONR Addendum to the General Terms and Conditions specified in Block 29.																										
32. FOR THE RECIPIENT				33. FOR THE UNITED STATES OF AMERICA																						
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN				33a. SIGNATURE OF AWARDOFFICER Digitally signed by VANESSA SEYMOUR 1061137463 Dated: 2019.02.12 18:24:20 EST																						
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER VANESSA SEYMOUR		33c. DATE SIGNED 02/12/2019																				

FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-18-1-2775			2. SPIIN (CRITICAL)		3. MOD (CRITICAL) P00001			4. PR NUMBER 4720005173									
CLIN/SLIN	6. LINE OF ACCOUNTING													7. AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN	
	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE						
											PROJ UNIT	MCC	PDLI & SUF				
	AB	1791319	W1AE	410	00	014	0	050120	2D	000000	000029	284	634	\$507,201.00			
PAGE TOTAL														\$507,201.00			
GRAND TOTAL														\$507,201.00			
PREPARED/AUTHORIZED BY:						COMPTROLLER APPROVAL:											
DATE:						FOR FISCAL DATA AND SIGNATURE											
						BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED											
DATE:						DATE:											

FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-18-1-2775		2. SPIIN (CRITICAL)		3. MOD (CRITICAL) P00001		4. PR NUMBER 4720005173		
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION				8. AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN
						PAGE TOTAL		
						GRAND TOTAL		
PREPARED/AUTHORIZED BY:				COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				
DATE:				BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED				
				DATE:				

AWARD NO.
N00014-18-1-2775

SPECIAL REQUIREMENTS

MODIFICATION NO.
P00001

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